

W, J.: 1954, 2.

"Synthesis of D, L, (-trileuc-3-acetylhistidine) Acid; A Derivative",
125, (CHEMISTE ILSTY, Vol. 48, No. 6, June 1954, Praha, Czech.)

SC: Monthly List of East European Accessions (EMAL), 16, Vol. 4, No. 3,
March 1955, Uncl.

HEDAY J.

08 Preparation of 1,3-dimethyl-4,5-diaminouracil. J. Hehky and I. Keilha (Czechoslovakia) ~~Chem. Listy 48, 1709-10(1954)~~.—A suitable method for prep. 1,3-dimethyl-4,5-diaminouracil (I) is the reduction of 1,3-dimethyl-4-amino-5-nitrosouracil (II). Adding portionwise 60 g. anhyd. II to a stirred preheated mixt. (steam bath) of 60 g. gray cast Fe filings, 75 ml. H₂O, and 5 ml. concd. HCl, dilg. the mixt. with 145 ml. hot water, adding 3 g. Na₂CO₃, filtering the mixt., and cooling the filtrate gave 90-5% I, m. 207-8°. The filtrate may also be heated with 21 ml. 85% HCO₂H and 1 g. Zn dust 4 hrs. at 70° to give 90-5% formyl deriv. of I. M. Hudlicky

BF

HEBKY, Jaromir

✓ Water-soluble salts of *p*-aminoazobenzene-*o*-methanesulfonic acid and its homologs. Viktor Ettel and Jaromir Hebky. Czech. 84,847, Oct. 3, 1956. The epithelizing and bactericidal effects of *p*-H₂NC₆H₄N:NPh and its homologs are markedly enhanced by substituting 1 H atom of the NH₂ group with CH₃SO₃Na, thus rendering them water-sol. To 18.0 kg. aq. 37% CH₃O is added under const. stirring 62.8 kg. sulfite acid liquor (d. 1.33), the mixt. warmed, to 50° a soln. of 46.0 kg. *o*-aminoazotoluene in 230 l. 98% EtOH added, and the mixt. refluxed until a sample dissolves entirely in an excess of water (about 3 hrs.). After cooling, the product is crystd. from hot water or 75% EtOH to yield 55 kg. Na salt of *o*-aminoazotoluene-*o*-methanesulfonic acid, m. 200-7°.

L. J. Urbhisek

Hebky, Jaromir

4

Chim 4,5-Diamino-2,6-dihydroxypyrimidines or their tautomers.
Jaromir Hebky and Jitka Kejha. Czech. 85,403, Dec. 1,
1965. Reduction of 4-amino-5-nitroso-2,6-dihydroxypy-
rimidine (I) or its tautomers with Fe in a medium with pH
4-7 is much cheaper than the older procedures, besides
yielding purer products. Fe splinters (60 g.), 75 g. water,
and 0 g. concd. HCl heated to 100°, stirred 30 min., 10 g.
1,3-dimethyl-4-amino-5-nitroso-2,6-dioxotetrahydropyrimidi-
ne added in small portions (the end of the reduction is
manifested by a change in color of the soln. from blue to
yellow-brown), the Fe hydroxides filtered off, and the filtrate
either (1) cooled, yielding 90-95% yellow crystals of 1,3-di-
methyl-4,5-diamino-2,6-dioxotetrahydropyrimidine, or (2) d
heated with HCO₂H, yielding 90-95% 4-amino-5-formyl-
amino analog, which is an important intermediary product
in the synthesis of theophylline and caffeine. L. J. U.

2

PM

Hebky, J.

CHECHO-SLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19195

Author : Hobky J. Mojha J.

Inst :

Title : Derivatives of Pyrono, Pyridone and Pyridino V. Synthesis of New Compounds of the Lobelane Type.

Orig Pub: Chem. listy, 1956, 50, No 5, 834-837

Abstract: Several analogues of lobelone by means of hydrogenation of subst. 2,6-distyryl- γ -pyridones are obtained. These compounds add usually only 3 moles H₂ with the formation of bis-phenylethyl-dihydro- γ -pyridones (without determination of structure); only in one case a sat. derivative of 4-hydroxypyridine is obtained. 2,6-bis-(β -phenylethyl)-2,3-dihydro- γ -pyridone, yield 67.7%, m.p. 204° (from 70% alc.), obtained by hydrogenation of 2,6-distyryl- γ -pyridone over Pt (from PtO₂) in glacial

Card : 1/4

CHECHO-SLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19195

CH₃COOH; hydrochloride, m.p. 147°, splits off at the recrystallization of HCl. 2,6-bis-(β -phenylethyl)-4-hydroxypyridine, yield 56.8%, m.p. 179-180°, is obtained in an analogical way, but with an addition of fresh PtO₂ after hydrogenation is stopped. From 6.8 g. of diethyl ester of 2,6-dimethyl- γ -pyronedicarboxylic-3,5 acid and 10 g. 3,4,5-trimethoxybenzoic aldehyde in 50 cc alcohol by the action of 2.5 g. of NaOH, 2,6-bis-(trimethoxystyryl)- γ -pyronedicarboxylic-3,5 acid is obtained, yield 85.2%, chars at 270°, by heating with a 25% H₂ (autoclave 100°, 6 hours) it yields 2,6-bis-(3,4,5-trimethoxystyryl)- γ -pyridone, yield 68.2%, m.p. 240-250° dec. from alc. BY hydrogenation of the latter (see above) is obtained 2,6-bis-(β -(3,4,5-trimethoxyphenyl)-ethyl)-2,3-dihydro- γ -pyridone, m.p. 174° from chloroform-benzene; hydrochloride 63.2%, m.p. 225° (dec.). By way of analogical sub-

Card : 2/4

HENRY, J.; AEDNA, J.

Pyrone, pyridone, and pyridine derivatives. VI. Synthesis of new substances of the lobelan type. p. 937. (Chemicke Listy, Praha. Vol. 50, no. 6, June 1956.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

HEBKY, J.; KARASEK, M.; KEJHA, J.; FIRST, B.

Iodized amino acid and peptide derivatives. Chem Cz Chem 29
no.11:2814-2821 N '64.

1. Forschungsinstitut fur Pharmazie und Biochemie, Prague.

HUBKY, J.; KARACEK, M.

Preparation of 2,4,6-trichloro-3-aminobenzylalcohol and its derivatives. Coll Cz Chem 29 no.12:3108-3114 1964.

1. Forschungsinstitut für Pharmazie und Biochemie, Prague.

HEPKY, J. : KEJHA, J.

"Derivatives of pyrone, pyridone, and pyridine. VI. Synthesis of new substances of the lobelan type. In Russian."

p. 489 (COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS. SEORNIK
CHECKSHOSOLVATSKIKH KHMICHESKIKH RAPOT. -- Praha, Czechoslovakia.)
Vol. 22, No. 2, April 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

HEBAY, J.

1,3-Disubstituted phenothiazines. Jaromír Hebky and
Otto Rádek. Czech. 88,127, Dec. 15, 1958. A mixt. of
13.9 g. 3,5-dichlorodiphenylamine, 0.5 g. S. and 0.7 g.
iodine boiled gently in 28 ml. α -C₆H₅Cl, 6 hrs., the mixt.
cooled, the product sepd. and washed with petr. ether, the
mother liquors evapd. to dryness, the residue and the
product combined, and crystd. from C₆H₆, yield 80% 1,3-
dichlorophenothiazine, m. 142°. 1,3-Dibromophenothia-
zine obtained similarly in 70% yield, gives light yellow
crystals, m. 144-5°. L. J. Urbánek

3 4E2C (J)
200 (NB)
4E3d

HEBKY, J.; RADEK, O.; KEJHA, J.

Derivatives of phenothiazine. I. 1,3 disubstituted 10-dialkyl-
aminoalkylphenothiazines. Coll Cz chem 25 no.12:3988-3998 '59.
(EEAI 9:6)

1. Forschungsinstitut für Pharmazie und Biochemie, Prag.
(Phenothiazine) (Alkyl group) (Amino group)

HEBKY, J.; KEJHA, J.; KARASEK, M.

Phenothiazine derivatives. II. 1,3,6-tri-substituted and 1,3,6,8-tetrasubstituted phenothiazine-derivatives. Coll Cz chem 26 no.6: 1559-1567 Je '61.

1. Forschungsinstitut fur Pharmazie und Biochemie, Prag.

(Phenothiazine)

ERNEST, I.; HEBKY, J.

Discussion on the work with small quantities in organic chemistry.
Chem listy 59 no.5:633-634 My '65.

Hebzyńska, Z.

Hebzyńska, Z. Balance sheet of the accomplishments of the restaurant
business in the first half of 1956. p. 3.

Vol. 11, no. 9, Sept. 1956
PRZEMYSŁ GASTRONOMICZNY
TECHNOLOGY
Warsawa, Poland

So. East European Accession Vol. 6, no. 2, Feb., 1957

HECH, Otakar, Prim., Dr.

Development of associated laryngeal carcinoma and pulmonary tuberculosis. Cesk. otolar. 5 no.5:300-305 Oct 56.

1. Z Otorhinolaryngologicke Kliniky lekarske fakulty v Plzni, prednosta prof. Dr. F. Kotyza.

(LARYNX, neoplasms,
with tuberc., pulm. (Cz))

(TUBERCULOSIS, PULMONARY, complications,
cancer of larynx (Cz))

HECHT, H.

Congenital hemihypertrophy (observations in 6 children) Cesk.
pediat. 14 no.9:799-807 S '59.

1. Detske oddeleni KUNZ Gottwaldov, prednosta prim.dr. B.Dokulil.
(HYPERTROPHY AND HYPERPLASIA)

HECHT, H.

Accidental digitalis poisoning in a 4-year-old child. Cesk. pediat.
16 no.7/8:715-721 J1-Ag '61.

1. Detske oddeleni KUNZ-Gottwaldov, prednosta dr. B. Dokulil.

(DIGITALIS toxicol)

HECHT, H.

Acid-base load kidney test in children. Cest. pediat. 17 no.7/8:719-723 Ag '62.

1. Deteke oddeleni OUNZ, Gottwaldov, prednostn MUDr. B. Dokulil.
(KIDNEY FUNCTION TESTS) (ACID BASE EQUILIBRIUM)

Hecht, J.

✓ Hecht, Josef. A note on the solution of systems of linear algebraic equations. *Apl. Mat.* 3 (1958), 233-237. (Czech, Russian and English summaries)

2

Instead of representing the $n \times n$ -matrix A as product of a subtriangular and a supertriangular matrix, the author proposes a representation of this kind for the $2n \times 2n$ -matrix $\begin{pmatrix} A & 0 \\ E & -E \end{pmatrix} = \begin{pmatrix} L & 0 \\ M^{-1} & -E \end{pmatrix} \begin{pmatrix} M & 0 \\ 0 & E \end{pmatrix}$, at the same time replacing the system of linear equations $Ax=r$ by $\begin{pmatrix} A & 0 \\ E & -E \end{pmatrix} \begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} r \\ 0 \end{pmatrix}$. No evident advantage seems to result from this procedure. There is also a description of a variant of this method and two numerical tables, given without comment. *H. Schneiderfeger* (Montreal, P.Q.)

L 45472-66

ACC NR: AT6033353

SOURCE CODE: HU/2505/65/026/01-/0105/0106

AUTHOR: Hecht, K.; Treptow, K.

ORG: Institute of Cortico-Visceral Pathology and Therapy, DAW, Berlin-Buch

TITLE: Locking mechanism of the conditioned motor escape reflex in the rat [Paper presented at the symposium of the Hungarian Physiological Society held in Budapest from 2-3 July 1963]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 1-2, 1965, 105-106

TOPIC TAGS: rat, conditioned reflex, behavior pattern

ABSTRACT: After it has become fixed, the conditioned escape reflex in the rat is not extinguishable under normal conditions. The fixation is accelerated by the application of a series of conditioned stimulations immediately following elaboration of the reflex. The conditions and results of various methods of elaboration, reinforcement, and stimulation are summarized. The opinions voiced by Knoll concerning the active focus of the conditioned reflex which can not be extinguished is compatible with the observations described in the summary. The importance of the problem in sports physiology is discussed in the original article.

[Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 fv

HECHT, K.; TREPTOW, K.

On the locking mechanism of the conditioned motor escape in
the rat. *Acta physiol. acad. sci. Hung.* 26 no.1:105-106 '65

1. Institute for Cortico-Visceral Pathology and Therapy,
German Academy of Sciences, Berlin-Buch, GDR.

Piezoelectric plates for electro-acoustic crystal representations. p. 86.
Zbirka radova. (Zbiranje jugoslovenske elektroprivrede) Beograd.
Vol. 10, no. 9/10, 1966.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 54, no. 12, December 1956

HECKENAST, Gabor

More important international as well as Hungarian standards of magnetic sound recording. Kep hang 5 no.1:13-15 F '59.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

HECKENAST, Gabor

Synchronization of picture band and the independent magnetic sound band at 8mm films. Kep hang 5 no.3:88-90 Je '59.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

HECKENAST, Gabor; LAZAR, Dezso

The Budapest conference of the 2d study group of the International Radio and Television Organization. Kep hang 6 no.4:120-121 Ag '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja (for Heckenast).

VALKO, Ivan Peter, a muszaki tudományok kandidátusa; REDL, Endre; HECKENAST, Gabor; MOLNAR, Janos; BUDINCSEVICS, A.; BODO, Zoltan

< Luminescent noise of electronic tubes: also, remarks by E.Redl and others. Muszaki kozl MTA 26 no.1/4:173-182 '60. (EEAI 9:10)

1. Budapesti Muszaki Egyetem, Elektroncsoteknikai Tanszek (for Valko)
(Electron tubes)

HECKENAST, Gabor

The play back technique and the four-track play back magnetophone of the Hungarian Radio. Kep hang 8 no.5:141-144 0 '62.

1. Magyar Radio es Televizio, Muszaki Fejlesztés, es "Képes Hangtechnika" szerkeszto bizottsagi tagja.

HECKENAST, Gabor

The play-back technique; excerpts from an article. Musz elet 17 no.25:
15 6 D '62.

HECKENAST, Gabor

Radio engineering of tomorrow. Technika 7 no.7:1,9 J1 '63.

HECKENAST, Gabor, okleveles gepeszmernok; VAJDA, Zoltan, okleveles fizikus

Transistorized reporter magnetophone of the Hungarian
Radio. Kep hang 9 no.6:185-189 D '63.

1. Magyar Radio es Televizio.
2. "kep- es Hangtechnika" szerkeszto bizottsagi tagja (for
Heckenast).

HECKENAST, Gabor

ICA, Copenhagen, 1962; an account of the 1962 International Congress of Acoustics. Kep hang 8 no.6:175-176 D '62.

An account of the Conference on Signal Recording of Moving Magnetic Media. Ibid.:184-187

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

HECKENAST, Gabor

Magnetic recording of television pictures. Pt. 3. Key Lang 10 no. 4:
116-118 Ag '64.

1. Hungarian Radio and Television, Budapest, and Editorial board
member. "Képes Hangtechnika."

HECKENAST, Gabor

"Acoustics; physical acoustics" by Dr. Tamas Tarnoczy.
Reviewed by Gabor Heckenast. Kep hang 10 no.2:42 Ap '64.

Magnetic picture recording. Pt. 1. Ibid.:45-49

1. Editorial board member, "Képes Híradó," and
Hungarian Radio and Television, Budapest.

HECKENAST, Gabor

Magnetic picture recording. Pt. 2. Kep hang 10 no. 3:69-73
Je '64.

1. Hungarian Radio and Television, Budapest; Editorial board
member, "Kep-es Hangtechnika."

HECKENAST, Gabor

"Technology of television" by Lajos Horvath. Reviewed by
Babor Heckenast. Kep hang 10 no. 3:88 Je '64.

1. Hungarian Radio and Television, Budapest; Editorial
board member, "Kep-es Hangtechnika."

HECKENAST, Gabor

Magnetic picture recording. Pt.4. Kep hang 10 no.6:161-166
D '64.

1. Hungarian Radio and Television, Budapest, and Editorial
Board Member, "Kep- es Hangtechnika."

HECKENAST, Gabor

Magnetic picture recording. Pt.5. Kep hang 11 no.1:16-20 F '65.

1. Hungarian Radio and Television, Budapest.

HECKENAST, Gabor

Video tape recording. Pt.6. Kep hang 11 no.2:43-50 Ap '65.

1. Hungarian Radio and Television, Budapest, and Editorial Board Member, "Kep-es Hangtechnika."

HECKENAST, Gusztav, a tortenettudomány kandidátusa

Pal Lanyi's paper money in Dobsina, 1723; a peculiarity from the history of money. Elet tud 16 no.29: Suppl: Tarkatudomány 2 no.15:113-114 16 J1 '61.

KELLNER, Janos; HECKENAST, Kalman

The trussing of an open-air portable grandstand for 7,500 persons.
Magy ep ipar 10 no.7:279-282 '61.

HECKMANN, C. J.

Science and practice in the chemical industry machine building.
Magy kem lap 19 no. 2: 67-73 F '64.

1. Technische Hochschule "Otto von Guericke", Magdeburg.

HECKO, I.; HORECNY, K.; PENIAZKA, J.

A continuous unevenly distributed cyanosis in a newborn caused
by an excentric hypertrophy of the thymus. *Pediat. listy* 5 no.1:8-10
Ja-F '50. (GLML 19:3)

1. Of the Children's Clinic and of Pathologico-Anatomical Institute
of Slovak University in Bratislava.

HECKO, I;RIPPA, B.

Organisation of work in postnatal consultation centers in the
Bratislava region. Bratisl, lek. listy 30 no.3:266-270 Mar.
1950. (CIML 20:1)

1. Of the Regional Institute of National Health in Bratislava and
of the Children's Clinic at Slovak University.

HECKO, I., zapovedny vyskumny pracovník; SINTAJ, M.; HLAVATY, J.; KUKURA, J.;
LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; MULLER, M.;
VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9:
1021-1045 Sept 54.

1. Z Krajskeho detskeho ustavu narodneho zdravia v Bratislave,
riaditel dr. A. Novak (for Hecko, Sintaj, Hlavaty) 2. Z Hygienickeho
ustavu LFŠU v Bratislave, prednosta akademik V. Mach, a z Ustavu
hygieny, oblastneho ustavu pre Slovenko v Bratislave, riaditel doc.
dr. P. Macuch (for Kukura, Lipkova, Sevcikova, Grunt) 3. Z Ustavu
pre vyskum vyzivy ludu v Bratislave, prednosta dr. A. Bucko. (for
Gazo, Muller) 4. Z Vyskumneho ustavu epidemiologie a mikrobiologie
v Bratislave, riaditel dr. J. Karolcek, z oddelenia pre parazitologiu,
prednosta dr. M. Dziuban.

Spolupracovníci: a) z detskej kliniky: M. Krupska a skupina medikov
(v rámci studentskej tvorivosti), V. Bohmerova, M. Cernacek, V. Kovac,
D. Krivosova, M. Lickova, t.c. uz doktori medicíny. Pred začiatkom
vyskumnej prace riaditel KUNZ dr. A. Novak vykonal instruktaž medikov:
b) z Hygienicko-epidemiologickej stanice UNV Bratislava M. Zatkova
c) z jasiel 1. na Blahovej ulici č. 4.: M. Hlebakova (veduca sestra),
J. Benedekova, G. Skotnarova, A. Nozkova, M. Lukovicova, H. Oriskova,
V. Feherova; 2. na Feriencikovej ulici č. 6: H. Nemcekova (veduca
sestra), M. Slobodova, N. Dobrotkova, A. Macenauerova, B. Stabelova.
(Continued on next card)

HECKO, I., zapovedny vyskimny pracovník; SINTAJ, M.; HLAVATY, J.; KUKURA, J.;
LIPKOVA, V.; SEVCIKOVA, A.; GRUNT, J.; GAZO, M.; MULLER, M.;
VALASEK, V.

Prevention of infections in nurseries. Bratisl. lek. listy 34 no.9:
1021-1045 Sept 54 (Card 2)

d)z Hygienickeho ustavu LFSU a z Ustavu hygieny: O.Cikova,
X.Rozholdova, L.Haragova, M.Jurcova, T.Orthova; e)z Ostavu pre
vyskum vyziivy ludu: M.Popik, A.Kohutova, L.Sintajova, M.Krcnava;
P.Ambrova, J.Kollarik, M.Asztalosova.

(COMMUNICABLE DISEASES, in infant and child,
prev. in nurseries)
(INFANTS,
nurseries, prev. of communicable dis.)

HECKO, I.

SVEJCAR, J., professor, MUDr; HNATEK, J., MUDr; BLECHA, J., professor,
MUDr; HECKO, I., Doc., MUDr

Children nutrition. Cesk.pediat. 10 no.3:161-170 Apr 55.

1. Z I. detske kliniky v Praze, Detske kliniky VIA v Hradci
Kralove a Ustavu hygieny v Bratislave.

(NUTRITION,
child.)

KUBAT, K., Doc., MUDr.; HECKO, I., Doc., MUDr.; JANKOVA, E., MUDr.

Medical care for children in nurseries. Cesk. zdravot. 4 no.9:
514-524 Sept 56.

1. Z Ustav pece o matku a dite v Praze-Podoli-reditel prof.
MUDr. J. Trapl a z Ustavu hygieny, oblastneho ustavu pre
Slovensko v Bratislave-riaditel doc. MUDr. P. Macuch.

(INFANT WELFARE,
nurseries, med. care (Cz))

BAUEROVA, V.: HECKO, I.

Control of microbial purity of food in nurseries and child centers.
Cesk. pediat. 11 no.7:496-502 July 56.

1. Oblastny ustav hygieny v Bratislave, riad. Doc. Dr. P. Macuch.
(ANTISEPSIS AND ASEPSIS,
sterilization of food & utensils for inf. & child. (Cz))
(FOOD,
sterilization of food & utensils for inf. & child. (Cz))

HECKO, I.; BAUEROVA, V.; GORNER, E.

Importance of measures for microbiological purity in infant nutrition. Cesk. pediat. 11 no.7:502-508 July 56.

1. Oblastny ustav hygieny v Bratislave, riad. doc. Dr. P. Macuch.
(ANTISEPSIS AND ASEPSIS,
sterilization of food & utensils in inf. nutrition (Cs))
(INFANT NUTRITION,
same))

EXCERPTA MEDICA Sec. 17 Vol. 3/10 Public Health Oct. 57

3063. HEČKO I. *Engeavours and aims of the school physician at present LEK.OBROV. 1956, 51: 7-8 (388-394)

The school doctor should get the opportunity to adapt himself gradually to his task and prepare a school nurse for hers. The necessity of full anamnestic data concerning the children entrusted to his care and of knowledge concerning their home environments is stressed. Cooperation of teachers and parents is necessary as well as regular contact with child welfare institutions, e.g. holiday health resorts, etc. The school doctor should have the support of specialists in hygiene and epidemiology whenever necessary. In Czechoslovakia the school medical services work under the supervision of the District Board of Paediatrics and the District Board of Hygiene, both of which get advice from the regional boards. Stress should be laid on methodical work. Systematic collecting and arranging of data is necessary to obtain a sound foundation for further improvement.

HECKO, I.; GRUNT, J.; SVITKOVA, A.; JURCOVA, M.

Evaluation and comparison of environmental conditions in two
residential day nurseries in Bratislava. Cesk. pediat. 12 no.1:
38-45 Jan 57.

1. Oblastny ustav hygieny v Bratislave, riaditel doc. MUDr.
P. Macuch.

(INFANT CARE

day nurseries in Czech., comparison (Cz))

~~HECKO, J.~~

Practice and theory in evaluation of hemoglobin values in children. Cesk. pediat. 12 no.5-6:493-499 May-June 57.

1. Obl. ustav hygieny v Bratislave, riaditel doc. Dr. P. Macuch.
(HEMOGLOBIN, determ.
eff. of environment in child. (Cz))
(ENVIRONMENT
eff. on hemoglobin levels in child. (Cz))

EXCERPTA MEDICA Sec.17 Vol.4/4 Public Health, etc. Apr 58

Hečko I

1306. OBSERVATIONS OF SOME INDICATORS OF THE CONDITIONS OF ENVIRONMENT OF INFANTS AND CHILDREN OF THE YOUNGER PRE-SCHOOL AGE, MADE IN THE CHILDREN'S HOME, IN FOUR CRÈCHES AND SEVERAL FAMILIES AT PREŠOV - Sledovanie niektorých ukazovateľov ústavného jasl'ového a domáceho prostredia u dojčiat a detí mladšieho predškolského veku - Hečko I., Grunt J. and Pavlákova T. Krajského Dočenského Ústavu a Detského Domova, Prešove; I. Hečko, a Oblastného Ústavu Hyg., Bratislava - BRATISLAVSKÉ LEKÁRS. LISTY 1957, 37/10 (587-601) Tables 9

Three groups of children were examined at Prešov: (1) a group of children from The Children's Home (110 at the first examination and 116 at the 2nd examination half a year later), (2) 71 children from day nurseries and (3) 61 children brought up in family environment. The age of the children was from 0 to 3 yr. a few only being older. The environment in which the children lived was examined, their height and weight, their morbidity, the haemoglobin values and at the 2nd examination the neuropsychic development of those in the Children's Home and in the 6 crèches was ascertained as well. All examinations were accomplished with the aim of improving the care of children who live permanently in public institutions. The results found in groups of children with a differing environment and in groups of children of a different age were compared and evaluated. The state of neuropsychical development proved in these examinations to be one of the indicators of the level of educational care, the average values of Hb in different groups of children to be one of the indicators of the hygienic level of child care. The child develops in a close dependence on the environment in which it lives. The level of that environment, however, is to a high degree dependent on the working efficiency of the health staff.

EXCERPTA MEDICA Sec 17 Vol 5/8 Public Health Aug 59

2370. THE NUTRITION OF CHILDREN AND NUTRITIONAL HYGIENE IN NURSERIES AND KINDERGARTENS. (RECOMMENDATION OF NUTRITIONAL ALLOWANCES FOR CHILDREN FROM 1-6 YEARS OF AGE) - Výchova detí a hygiena výživy v jasliach a materských školách. (Návrh na normy výživy pre deti od 1 do 6 rokov) - Hečko I., Balažovjehová L.; Felle-giová M., Budlovský J. and Novák J. Oblastn. Úst. Hyg., Úst. pre Výskum Výživy L'udu, Bratislava - BRATISL. LEK. LISTY 1958, 38(II)/7 (386-395) Graphs 2 Tables 4

The results obtained through laboratory control of samples of food served in 8 kindergartens of Bratislava and of an investigation carried out in 16 nurseries in Banská Bystrica show such great variations in the composition of food, especially in fat content, that regulations and permanent expert inspection of nutrition seem to be very urgent. The presence of yellow pyogenic staphylococci on food containers, plates and spoons should be taken for one of the criteria of an unsatisfactory hygienic level of food preparation and service equipment for children. The absence of yellow staphylococci from objects coming into contact with prepared meals is considered an unconditional hygienic prerequisite.

(XVII, 7)

HECKO, I.

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2. "Hygiene of Children and Youth in Czechoslovakia, 1961-1961," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
3. "Meeting of the Commission on the Hygiene of Children and Youth," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
4. "Development of Children Under Different Conditions of Living," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
5. "Harmonious Development of Children Up to Three Years of Age," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
6. "Analysis of the Body Length and Weight in Children of the Preschool Age," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
7. "Study of the Manipulation Functions of the Hand in Children in the Preschool Age," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
8. "The Choice of Toys with regard to the Age and Sex of Children of the Preschool Age," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
9. "The Growth Values in Children of School Age from Two Selected Areas of Slovakia," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
10. "Growth Dynamics in the Hand of Young People," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.
11. "Relation Between the Employment of Children and the Dynamics of Physical Development in Working Youth and Students," *Pravda*, 1961, International Address, "Recent Hygiene," p. 63.

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HECKO, I.; GAZOVA, V.

Analysis of body length and weight in children of the preschool age.
Cesk. hyg. 7 no.2/3:95-102 '62.

1. Ustav hygieny, Bratislava.
(BODY HEIGHT in inf & child) (BODY WEIGHT in inf & child)

HECKO, I.; BARTOSOVA, L.

A study on proposed nutritional standards in relation to dynamics of the body growth in Slovak children. Bratisl. Lek. Listy 42 no.4:195-205 '62.

1. Z Ustavu hygieny a Katedry hygieny Slovenskeho ustavu pre doskol'ovanie lekarov, riaditel' a veduci katedry prof. MUDr. P. Macuch.
(NUTRITION) (GROWTH)

MAYER, J.; MACUCH, P.; HECKO, I.

Comprehensive analysis of the hygienic standard of the living environment near the atomic power plant as a basis for a report on hygienic conditions. Cesk. hyg. 8 no.5:249-253 Je '63.

1. Ustav hygieny, Bratislava.

(AIR POLLUTION, RADIOACTIVE) (RADIATION PROTECTION)
(ANTHROPOMETRY) (HEMATOPOIETIC SYSTEM)
(ABNORMALITIES) (REPRODUCTION)
(RADIATION GENETICS)

HECKO,I.; AROCHOVA,O.

Vital capacity of the lungs in children of preschool age.
Bratisl. lek. listy 2 no.10:589-596 '63.

1. Oblastny ustav hygieny v Bratislave; riaditel: prof.
MUDr. P.Macuch.

HECKO, I.; GRUNT, J.

On the relation between the vital capacity of the lungs in
preschool-age children and their height and weight.
Cesk pediat. 19 no.10:903-907 O '64.

1. Ostav hygieny, Obl. ustav pre Slovensko v Bratislave;
riaditel prof. dr. P. Macuch.

CZECHOSLOVAKIA
20 Jun 66

HECKO, Josef

Lieut.Gen., chairman of the Central Committee of the Union for
Cooperation with the Army (SVAZARM), interviewed by Svazarmovec,
Prague, 20 June

Svazarmovec, Prague, No 13, 20 Jun 66, p 3.

(1)

HECKO, Karel

Management improvement by industrial television. Podn org 18
no. 6:273-275 Je '64.

1. Trinecke zelezarny Velke rijnove revoluce, Trinec.

LAHOLA, J., inz. CSc.; HECL, J., inz.

Trend in the research on flax, leguminous plants, and oil plants
in the years 1966-1970. Vest ust zemedel 12 no.4:174-176 '65.

HEGL, Josef, inz.

From the activities of the Oil Plant Research Station
in Opava. Vest ust zemedel 11 no.2/3:112-115 '64.

1. Head of the Oil Plant Research Station, Opava.

TALAS, M.; HECZKO, P.; VASKOWA, M.

Treatment of late pregnancy toxemias with hypotensive drugs.
Gin. polska 28 no.4:527-533 July-Aug 56.

1. Z Kliniki Polozniczo-Ginekologicznej PU w Olomouci Kierownik:
prof. dr. J. Marsalek i z Kliniki Ocznej PU w Olomouci. Kierownik:
prof. dr. Vejdosky, Czechoslowaca. Czechoslovensko Porodnicko
Gynekologicko Klinika Polackeho Universita w Olomouci.

(PREGNANCY TOXEMIAS, therapy,

hypotensive drugs (Pol))

(RAUWOLFIA ALKALOIDS, therapeutic use,
reserpine in pregn. toxemias (Pol))

(SYMPATHOLYTICS, therapeutic use,
1,4-dihydrazinophthalazine & hydralazine in pregn.
toxemias (Pol))

HECZKO, P.; SCHEINAR, J.

On the problem of work incapacitation in women with diseases
of the efferent urinary tract in diseases of genital organs.
Cesk. gynek. 30 no.5:345-348 Je '65.

1. Gyn.-por. klin. (prednosta doc. dr. F. Gazarek, CSc.) a
urolog. klin. (prednosta prof. dr. J. Kucera, DrSc.) lek.
fak. Palackeho University v Olomouci.

TALAS, M.; HECZKO, P.; VASKOVA, M.

Treatment of gestosis by new hypotensive drugs. Cas. lek. cesk.
96 no.3:83-86 18 Jan 57.

1. Porodnickogynekologicka klinika PU v Olomouci, prednosta
prof. MUDr. J. Marsalek, a ocni klinika PU v Olomouci, prednosta
prof. MUDr. V. Vejdosky.

(PREGNANCY TOXEMIAS, ther.

1,4-dihydrazinophthalazine, hydralazine & reserpine,
comparison (Cz))

(SYMPATHOLYTICS, ther. use

1,4-dihydrazinophthalazine in pregn. toxemias,
comparison with hydralazine & reserpine (Cz))

(HYDRALAZINE, ther. use

pregn. toxemias, comparison with 1,4-dihydrazinophthalazine
& reserpine (Cz))

(RESERPINE, ther. use

pregn. toxemias, comparison with 1,4-dihydrazinophthalazine
& hydralazine (Cz))

LINDNER, E.; HECZKO, P.

Results of treatment of inflammations of the internal genitalia with glucocorticoids. Cesk. gynek. 29 no.3:208-210
Ap'64

1. Gyn.-por. klin.lek.fak. PU v Olomouci; prednosta: doc.dr.
F. Gazarek, CSc.

HECZKO, P.; LINDNER, E.; GAZAREK, F.; SCHINAR, J.

Effect of genital inflammations on the uropoietic system in women. Cesk. gynek. 29 no.3:239-241 Ap'64

1. Gyn.-por. klin.lek.fak. PU v Olomouci (prednosta: doc.dr. F. Gazarek, CSc.) a Chirurg. klin. lek. fak. PU v Olomouci, (prednosta: prof. dr. Vl. Rapant, DrSc.).

*

HECZKO, P., (Olomouc, fakultni nemocnice); LINDNER, L.

Laboratory tests of the efficacy of chemical contraceptive agents. Cesk. gynek. 44 no.3:183-185 Ap'65.

1. Gyn.-por. klinika leka. ski faculty Palackeho University v Olomouci (prednosta: doc. dr. F. Gazarek, CSc.).

JIRATKO, Karel; HECZKO, Pavel; FLASAROVA, Bohumira

The problem of twins from obstetric and pediatric viewpoints.
Cesk. pediat. 15 no.2:130-139 F '60.

1. Porodnicko-gynekologicka klinika lekarske fakulty PU v Olomouci,
prednosta prof. MUDr. Jan Marsalek.
(TWINS)

PROCEK, J., MUDr.; HECZKOVA, L., MUDr.

Sterility of plaster of Paris in clinical practice. Acta
chir. orthop. traum. cech. 22 no.6:229-232 Nov 55.

1. Klinika pro orthopedickou chirurgii PU v Olomouci--
Prednosta prof. MUDr. A. Pavlik--Epidemiologicky ustav PU
v Olomouci--Prednosta prof. MUDr. J. Kabelik.
(PLASTER OF PARIS, bacteriology.)
(BACTERIA,
in plaster of Paris.)

ACC NR: AP7001697

SOURCE CODE: HU/0014/66/000/012/0551/0558

AUTHOR: Hedai, Lajos (Graduate metallurgist)

ORG: none

TITLE: Formation of highly adherent scale and methods of preventing it

SOURCE: Kohaszati lapok, no. 12, 1966, 551-558

TOPIC TAGS: metal scaling, ~~scale formation, scale formation prevention~~
~~/Csepel Steel Works~~ NATURAL GAS, METALLURGIC PROCESS

ABSTRACT: Factors determining the structure and formation of scale are reviewed and the formation of highly adherent scale is explained. The author reviews foreign and Hungarian scale prevention methods, and reports on experiments performed in this connection at the Csepel Steel Works Research Department. The study was initiated to devise methods of controlling the formation of scale which has been on the increase with the introduction of natural gas at the Csepel Steel Works. Orig. art. has: 9 figures and 6 tables. [KS]

SUB CODE: 11/SUBM DATE: none/ORIG REF: 004/OTH REF: 002/

Card 1/1

UDC: 620.191.001.42

HEDANKOVA-VLADYKOVA, D.

Practical application of coloring methods to clay minerals of
the North Bohemian brown coal basin. Silikaty 7 no.1:64-67
'63.

1. Vyzkumny ustav pro hnede uhli, Most.

CZECHOSLOVAKIA

DYKAST, J; HEDANKOVA-VLADYKOVA, D.

Research Institute of Brown Coal (Vyzkumny ustav pro
hnede uhli), Most (for both)

Prague, Casopis pro mineralogii a geologii, No 4, 1963, pp 374-376

"Discovery of Iron Dolomite in Maxim Gorkij Mine No II in
Bilin."

DYKAST, Jaroslav: HEDANKOVA-VLADYKOVA, Dagmar

Discovery of ferrous dolomite at the Bilina Maxim Gorky II
mine. Gas min geol 8 no.4:374-376 0 '63.

1. Research Institute of Lignite, Most.

STOJANOVIC, Ivan, dr.; HEDELJKOVIC, Sredko, dr

Our clinical experience with the antistreptolysin O titer in rheumatic fever. Med.glasn. 14 no.7/8:393-396 JI-Ag '60.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik: prof. dr R.Berovic)

(ANTISTREPTOLYSIN)

(RHEUMATIC FEVER immunol)

HEDEHCO, Z.

Economic problems of health institutions and examination of places
of work. Zdravot. rev. 25:9, 20 Sept 50, p. 244-6

CIML 20, 3, March 1951

HEDER, Laszlo, Dr

Prevention of road accidents. Jarmu mezo gep 9. no.2:76-78 F '62.

MESZOLY, Gyozo, erdomernok (Veszprem); HEDER, Sandor

Afforestation of the vicinity of Lake Balaton. Term
tud kozl 4 no. 9: 404-406 S '60.

HEDERVARI, P.

"The second moon and its passenger."

p. 10 (Repules) No. 9, Dec. 1957
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

HEDERVARI, P.; BARTHA, L., JR.

"Some results of the physical investigation of the moon." p. 105.

FIZIKAI SZEMLE. (Eotvos Lorand Fizikai Tarsulat). Budapest, Hungary,
Vol. 8, No. 9, Nov. 1958.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1959.
Uncla.

HEDERVARI, P.

The "light-velocity" rocket and its companions; some remarks on erroneous news.

P. 10. (REPULES) (Budapest, Hungary) Vol. 11, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

HEDERVARI, Peter

Movement of the poles and the relative position of the continents as seen in the stratigraphic geology. Foldr kozl 7 no.4: 351-364 '59.

BARTHA, Lajos (Jr); HEDERVARI, Peter

Some results in the physical examination of the moon. Fiz szemle 9
no.4:105-110 Ap '59.

1. Uránia Csillagvizsgáló, Budapest (for Bartha). 2. Allami Eotvos
Lorand Geofizikai Intézet, Budapest (for Hedervari).

3(10),21(2,3,6)

AUTHOR: Hedervári, Péter

HUN/16-9-8-3/10

TITLE: Geophysical Investigation of Nuclear Explosions

PERIODICAL: Fizikai Szemle, 1959, Vol 9, Nr 8, pp 239-242 (Hungary)

ABSTRACT: This article is a summary of papers published in Transactions of the American Geophysical Union, Vol 27, Nr VI, 1946 and of Bulletins of the Seismological Society of America, Vol 36, Nr IV, 1946, and Vol 48, Nr IV, 1958, with some additions from Hungarian sources. Seismograms of elastic waves generated by earthquakes are very important for the study of the Earth's structure. Such waves are also generated by accidental or purposeful detonations of conventional explosives and by nuclear explosions. The text figure shows the seismogram of the atomic bomb test on the Bikini Islands in 1946. An important result of the evaluation of these records was the establishment of the so-called Mohorovičić seismometric surface at a depth of 17 km under these islands which is considered to be the bottom surface of the Earth's crust. Nuclear explosions generate longitudinal waves (blasts) in the air as well, which propagate at sonic velocity and may cause devastation within ranges of tens of km. Blasts and elastic waves produced by hydrogen bombs are still more intense than those of

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Geophysical Investigation of Nuclear Explosions

HUN/16-9-8-3/10

fission bombs. The power of the first Soviet hydrogen bomb detonated on August 12, 1953 was compared to the effect of the gigantic meteor that fell on June 30, 1908 in East Siberia, when jungles were stripped within a range of 60 km. The hydrogen bomb explosions on the Bikini and Eniwetok Islands were recorded by seismographs over 10,000 km distant. Scientific, mainly geophysical results drawn from nuclear explosions are in no relation to the threat and menace to Mankind if nuclear bomb tests were continued. There are 1 figure and 4 references.

ASSOCIATION: Magyar Állami Eötvös Loránd Geofizikai Intézet, Budapest
(Hungarian National Loránd Eötvös Geophysical Institute, Budapest) ✓

Card 2/2

H. DETVART, T.

"On the atmosphere of the moon." p. 55.

IDOJAFAS. (Meteorologiai Intezet ex Magyar Meteorologiai Tarsasag).
Budapest, Hungary, Vol. 63, No. 1, Jan./Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

HEDERVARI, P.

On the problem of present lunar volcanism. p. 313.

FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY.

(Magyar Foldtani Tarsulate) Budapest, Hungary. Vol. 89, No. 3, July/Sept. 1959

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, No. 1, Jan. 1960

Uncl

3(6)(3)

H/016/60/04/006/013
D0023/D3001

AUTHOR: Hédervári, Péter

TITLE: Magnetism in the Service of Geophysical Research

PERIODICAL: Fizikai Szemle, 1960, Nr 4, pp 114-117

ABSTRACT: The article deals with [✓]rock magnetism, as a basis for a geophysical research method. An attempt by Khramov, Soviet scientist, to present graphically the probable consecutive locations of the magnetic north pole based on climatic and magnetic data (Figure 1), is included in the article. There is 1 table, 2 figures and 10 references, 7 of which are English, 1 German, 1 Soviet and 1 Hungarian.

ASSOCIATION: Eötvös Loránd Geofizikai Intézet (Loránd Eötvös Geophysical Institute)

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69736
H/001/60/06/015/034
D0023/D3001

~~29(1)~~

32000

AUTHOR:

Hédervári, Péter

TITLE:

The Motion of the Sputnik Space Ship ✓

PERIODICAL:

Repülés, 1960, Nr 6, p 9

ABSTRACT:

The article deals with the Sputnik, presenting data on its orbit, before and after the ship's separation from the air-tight capsule.³ The space ship, which was launched on 15 May 1960, had a total weight of 4,540 kg, the weight of the air-tight capsule being 2,500 and that of scientific instruments 1,477 kg. The air-tight capsule was separated from the ship on 19 May 1960, but failed to return to Earth. V.A. Semyenov Soviet scientist stated that the return of space ships to Earth will be possible if their speed can be gradually reduced when they reach an

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The Motion of the Sputnik Space Ship

altitude of 300 km. Data on the original orbit:
perigee 312 km; apogee 369 km; inclination 65°;
semi-major axis 6,739 km; eccentricity 0.008458;
period 5,472 sec. Data on the orbit after the se-
paration: perigee 306.5 km; apogee 690 km; in-
clination 65°; semi-major axis 7,060 km; eccentri-
city 0.0543; period 5,655 sec.

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35574

H/001/60/000/010/001/002
A211/A026

17.2550

AUTHOR: Hédervári, Péter
TITLE: The 700,000-km Journey

PERIODICAL: Repülés, 1960, No. 10, p. 6

TEXT: The second Sputnik space ship[✓] launched on August 13, 1960, weighing 1,600 kg, traveled on a roughly circular orbit forming an angle of 65° with the equator, at an average altitude of 320 km. With the speed of 7,700 m/sec one orbiting took 90.6 minutes. With the help of a TV set in the Sputnik it was possible to observe the behavior of the dogs "Belka" and "Strelka" during the journey. The data on the heart, blood pressure, respiration and other organic functions were recorded by various built-in instruments and transmitted by radio to earth. Impulses transmitted by a Soviet radio control station activated the gas jets on the space ship during its 18th orbiting, slowing it down and bringing it nearer to earth. The capsule containing the two dogs and other biological specimens was then released automatically from the satellite's body and catapulted to earth, presumably from an altitude of 20 - 25 km. The capsule was supposedly released in the direction opposite to the direction of the earth rotation. Due

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The 700,000- km Journey

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A211/A026

to proper insulation, the ¹²temperature in the capsule did not exceed 36 - 38°C. The author further describes briefly two other known possibilities for bringing back to earth a satellite's capsule. He also points out that this Sputnik proved that living organisms can stand stress caused by launching, acceleration, as well as the state of weightlessness. The harmful effects of primary cosmic radiation and of sun's ultraviolet and X-ray radiation can be decreased through appropriate protective equipment. Detailed genetic radiation effects, however, are not yet known. The answer to this may be found when the offsprings of mice, rats and flies, that have returned from space journey, will be examined. X

Card 2/2

HEDERVARI, Peter

Examination of the reverse side of the moon. Foldr kozl
8 no.2:196-199 '60.

HEDERVARI, Peter.

Change in time of the gravitational "constant" and the inner
structure of the moon. Magy fiz folyoir 8 no.4:261-270 '60.
(EEAI 10:2)

1. Magyar Allami Eotvos Lorand Geofizikai Intezet, Gravitacios
Osztaly.
(Moon) (Gravitation)

HEDERVARI, Peter

Earthquakes and forecasting earthquakes. Musz elet 15 no.12:5
Je '60. (EEAI 9:9)
(Earthquakes)

HEDERVARI, Peter

The role of radioactivity in life on the moon. Musz elet 15 no.14:6
Jl '60. (EEAI 9:9)
(Moon) (Radioactivity)

HEDERVARI, Peter

Radiowaves from the sun. Musz elet 15 no.19:6 S '60. (EEAI 9:12)
(Sun) (Radio)

HEDERVARI, Peter

Gravitational research of underground structures. Musz elet 15 no.24:
15 N °60. (EEAI 10:2)

(Underground construction) (Gravitation)